

Converting Colors

YIQ(167.7130, 17.4660, 13.8660)

Have a look what the booklet for
YIQ(167.7130, 17.4660, 13.8660)
contains.

YIQ(167.7130, 17.4660, 13.8660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(167.7130, 17.4660,
13.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	C19AAC
RGB	193, 154, 172
RGB Percent	76%, 60%, 67%
CMY	0.2430, 0.3961, 0.3254
CMYK	0.00, 0.20, 0.11, 0.24
HSL	332°, 24%, 68%
HSV	332°, 20%, 76%
XYZ	40.9997, 37.4258, 44.0998
YIQ	167.7130, 17.4660, 13.8660

Conversions

Conversions Part 2

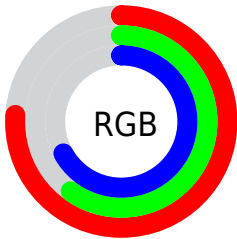
Format	Color
R_{YB}	193, 154, 172
Decimal	12688044
CIE Lab	67.60, 17.47, -3.85
CIE LCh	68, 17.884, 347.584
Yxy	37.4258, 0.3346, 0.3055
Android (android.graphics.Color)	4290878124 (0xFFC19AAC)
YUV	167.7130, 2.1135, 22.1767
Hunter-Lab	61.1767, 12.5690, 0.0839

Details

The YIQ color **167.7130, 17.4660, 13.8660** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.2870, -17.4660, -13.8660**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.3110, 18.6580, 14.2900**, and **115.7020, 15.9990, 12.9190** is the 20% darker color. If you saturate the color by 10%, you get **155.4200, 25.9010, 20.6930**, and if you desaturate by 10%, it is **180.0060, 9.0310, 7.0390**.

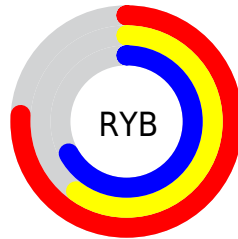
Distribution



Red (76%)

Green (60%)

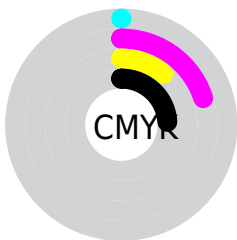
Blue (67%)



Red (76%)

Yellow (60%)

Blue (67%)

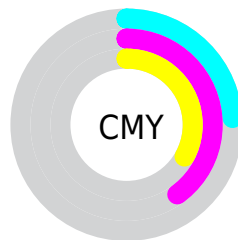


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 167.7130, 17.4660, 13.8660 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 167.7130, 17.4660, 13.8660 by changing the saturation by 10% instead.


 167.7130, 17.4660,
13.8660


 167.7130, 17.4660,
13.8660


255.0000, -0.0000,
-0.0000


 141.3000, 17.1910,
13.3430


 223.3110, 18.6580,
14.2900


 115.7020, 15.9990,
12.9190

 244.4340, 4.9500,
9.4140

 90.4030, 15.4030,
12.7070

 66.6910, 14.5320,
11.9720

 44.0930, 13.3400,
11.5480

 22.7940, 12.7440,
11.3360

 5.0830, 10.1320,

3.6040

0.0000, 0.0000,
0.0000

167.7130, 17.4660,
13.8660

167.7130, 17.4660,
13.8660

155.4200, 25.9010,
20.6930

180.0060, 9.0310,
7.0390

142.4260, 34.9320,
27.7320

193.0000, -0.0000,
-0.0000

130.1330, 43.3670,
34.5590

205.2930, -8.4350,
-6.8270

117.7260, 52.1230,
41.0750

217.7000,
-17.1910, -13.3430

104.8460, 60.8330,
48.4250

230.5800,
-25.9010, -20.6930

■ 92.5530, 69.2680,
55.2520

■ 234.0680,
-30.2110, -19.6750

■ 80.1460, 78.0240,
61.7680

■ 235.3220,
-33.7420, -16.2540

■ 67.8530, 86.4590,
68.5950

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.4710, 3.5280, 13.1600



167.7130, 17.4660, 13.8660



167.3840, 25.5820, 9.9500

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



167.7130, 17.4660, 13.8660



163.2380, 10.5930, -10.2630



159.4720, -33.7440, -5.2000

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



167.7130, 17.4660, 13.8660



179.2870, -17.4660, -13.8660

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



158.4520, -30.9920, -11.0240



167.7130, 17.4660, 13.8660



161.2300, -4.1240, -13.3720

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



167.7130, 17.4660, 13.8660



164.6850, 22.6960, -3.8320



159.5040, -19.5750, -14.1910



162.2220, -26.8680, 2.3480

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



167.7130, 17.4660, 13.8660



166.5320, 27.9210, 6.1050



159.5040, -19.5750, -14.1910



159.0050, -33.9270, -7.3910

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



167.7130, 17.4660, 13.8660



240.2830, 6.6930, 5.3570



164.7250, -0.0030, 16.5810



119.1470, 4.0800, 3.1520



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



167.7130, 17.4660, 13.8660



211.1320, 26.7720, 21.4280



166.2480, 22.9690, 7.7450



90.5600, 4.3550, 3.6750



56.5750, 72.2020, 57.1460



11.5770, 14.8530, 11.6610

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



167.7130, 17.4660, 13.8660



211.1320, 26.7720, 21.4280



180.7520, -22.9690, -7.7450



90.5600, 4.3550, 3.6750



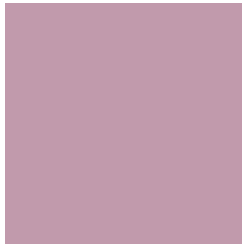
56.5750, 72.2020, 57.1460



11.5770, 14.8530, 11.6610

Previews

White Background



This preview shows how the YIQ color 167.7130, 17.4660, 13.8660 looks on a white background.

Color Contrast Check

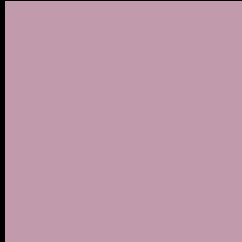
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 167.7130, 17.4660, 13.8660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

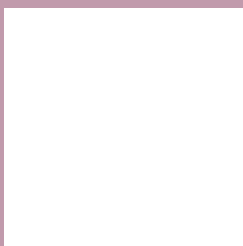
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 167.7130, 17.4660, 13.8660

Background



This preview shows how black text looks on a background with the YIQ color 167.7130, 17.4660, 13.8660.



This preview shows how white text looks on a background with the YIQ color 167.7130, 17.4660,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

167.7130, 17.4660, 13.8660

Protanopia

165.5960, -4.4940, 4.3540

Deuteranopia

166.6360, 7.1970, 7.2370



Tritanopia

167.4310, 18.2000, 11.5760

Trichromacy



Original Color

167.7130, 17.4660, 13.8660

Protanomaly

166.3090, 3.8040, 8.1560

Deuteranomaly

166.9570, 10.7270, 9.3430

Tritanomaly

167.6590, 17.5580, 12.1980

Monochromacy



Original Color

167.7130, 17.4660, 13.8660

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.7130, 17.4660, 13.8660 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(193, 154, 172)` looks like.

```
.text, #text, p{  
    color:rgb(193, 154, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(193, 154, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 154, 172) }
```

Border

The CSS property to change the border of an element to YIQ 167.7130, 17.4660, 13.8660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 154, 172) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(193, 154, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(193, 154, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 154, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 154, 172);  
box-shadow:4px 4px 4px 4px rgb(193, 154,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 167.7130, 17.4660, 13.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 154, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(193,  
154, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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